

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Junru Jiao, *et al.*

Serial No.

10/829,549

Filed:

April 22, 2004

Title:

**HORIZON-BASED RESIDUAL  
DEPTH MIGRATION VELOCITY  
ANALYSIS**

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Group Art Unit: 3663

Examiner:

Atty Docket No. PGS-03-07US

Mail Stop Amendment

Commissioner for Patents  
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*E. Eugene Thigpen*  
E. Eugene Thigpen

Date: July 15, 2005

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97 (c)(1)**

Sir:

The Applicant respectfully submits herewith an Information Disclosure Statement citing copies of references (A1, B1).

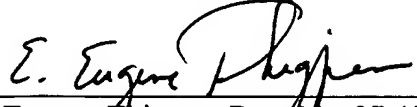
The references cited in this Information Disclosure Statement were cited in a Search Report for a corresponding British patent application. The Search Report was dated June 23, 2005, which is within three months prior to the mailing of the present Information Disclosure Statement.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed

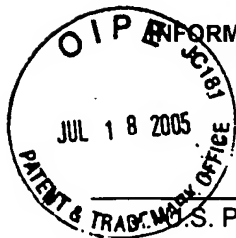
necessary for any reason the Commissioner is authorized to deduct the fees from Petroleum Geo-Services, Inc.'s Deposit Account 50-2223.

Respectfully submitted

Date: July 15, 2005

  
E. Eugene Phigpen, Reg. No. 27,400

Petroleum Geo Services, Inc.  
P.O. Box 42805  
Houston, TX 77242-2805  
Direct Dial Telephone: 281-509-8368



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Page 1 of 2

Atty. Docket No.

PGS-03-07US

Serial No. 10/829,549

Applicants

Junru Jiao, et al.

Examiner Name

Unknown

Filing Date:

April 22, 2004

Group Art: 3663

U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 1

## U.S. Patent Documents

| Exam.<br>Init. | Cite<br>No. | Document<br>Number | Publication<br>Date | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns,<br>Lines, Where<br>Relevant Passages<br>or Relevant<br>Figures Appear |
|----------------|-------------|--------------------|---------------------|---|---|
|                | A1          | 6,687,618          | Feb. 3, 2004        | Dimitri Bevc, et al.                                  |   |
|                | A2          |                    |                     |   |   |
|                | A3          |                    |                     |   |   |
|                | A4          |                    |                     |   |   |
|                | A5          |                    |                     |   |   |
|                | A6          |                    |                     |   |   |
|                | A7          |                    |                     |   |   |
|                | A8          |                    |                     |   |   |
|                | A9          |                    |                     |   |   |
|                | A10         |                    |                     |   |   |
|                | A11         |                    |                     |   |   |
|                | A12         |                    |                     |   |   |
|                | A13         |                    |                     |   |   |
|                | A14         |                    |                     |   |   |
|                | A15         |                    |                     |   |   |
|                | A16         |                    |                     |   |   |
|                | A17         |                    |                     |   |   |
|                | A18         |                    |                     |   |   |
|                | A19         |                    |                     |   |   |
|                | A20         |                    |                     |   |   |

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| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>Page 2 of 2 | Atty. Docket No.<br><b>PGS-03-07US</b>        | Serial No. <b>10/829,549</b>   |
|  | Applicants<br><b>Junru Jiao, et al.</b>       | Examiner Name<br>Unknown       |
|  | Filing Date:<br><b>April 22, 2004</b>         | Group Art: <b>3663</b>         |
| U.S. Patent Documents<br><i>See Page 1</i>   | Foreign Patent Documents<br><i>See Page 2</i> | Other Art<br><i>See Page 2</i> |

### Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date          | Country | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|---------------|---------|-------|-----------|--------------------|
|             | B1        | WO 2004/03407   | Apr. 22, 2004 | PCT     |       |           |                    |
|             | B2        |                 |               |         |       |           |                    |
|             | B3        |                 |               |         |       |           |                    |
|             | B4        |                 |               |         |       |           |                    |

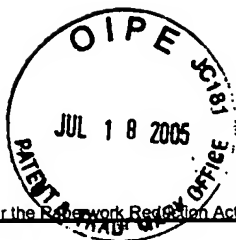
### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|-------------|-----------|----------|
|             | C1        |          |
|             | C2        |          |
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|   |                        |                |
|---|------------------------|----------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/829,549     |
|   | Filing Date            | April 22, 2004 |
|   | First Named Inventor   | Junru JIAO     |
|   | Art Unit               | 3663           |
|   | Examiner Name          |                |
|   | Attorney Docket Number | PGS-03-07US    |
| Total Number of Pages in This Submission  |                        |                |

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| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>                            |   |   |
| Firm or Individual name  | E. Eugene Thigpen   |   |
| Signature  |   |   |
| Date   | July 15, 2005   |   |

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